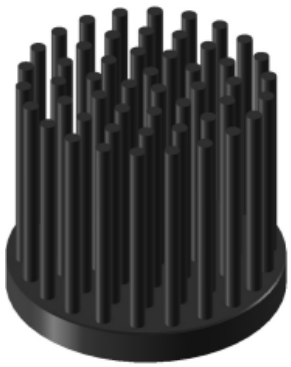
LRF080

LED Heatsink Thermal Solution



High Thermal Performance

Features

- Excellent thermal performance – large heatsink surface
- High thermal conductivity aluminum alloy
- Precision forging technology for high fin density design

Applications

- LED 20W - 30W

Description

The LRF series provides good thermal performance and design flexibility for LED lighting applications. The LRF series cold forged heatsinks provide lower thermal resistance than traditional extruded, and die-cast heatsinks. High aspect ratio fin provides excellent heat transfer capability. Various material finishes are available for enhanced thermal performance.

Ordering Information

Model	Power Rating	Finish
LRF080	020	CB

Code	Power Rating
020	20W
024	24W
025	25W
028	28W
030	30W

Code	Finish
UF	No Finish
CB	Black Anodize

General

RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Packaging :	Box and Cardboard Cell
Storage Temperature:	-40°C to +150°C

Performance & Mechanical

Part Number	*Heat Dissipation	Dimension (mm) D x H	Fin Surface Area (cm^2)	Weight (g)
LRF080020CB	20W	80 x 30	186	179
LRF080024CB	24W	80 x 40	258	201
LRF080025CB	25W	80 x 50	331	223
LRF080028CB	28W	80 x 60	403	245
LRF080030CB	30W	80 x 70	475	267

*Heat Dissipation and Thermal Resistance should be considered for reference only. Actual results may vary due to the LED configuaration, the finish chosen, and the environmental conditions.

Mechanical Specifications